

CLAIMS

What is claimed is:

1. A method for creating language-neutral and corresponding language specific resource files for a component, the method comprising:

obtaining a resource manifest file;

creating a language-neutral file and a language specific resource file according to localizable resource information contained in the resource manifest file;

creating a checksum data; and

updating a field in the resource manifest file with the checksum data.
2. The method of claim 1 wherein the resource manifest file is specified.
3. The method of claim 1 wherein the resource manifest file is not specified and a default resource manifest file is used.
4. The method of claim 1 wherein the resource manifest file is an Extensible Markup Language (XML) based declarative file.
5. The method of claim 1 wherein the localizable resource information resides in a compacted resource file.

6. A computer-readable medium containing instructions for performing a method for creating language-neutral and corresponding language specific resource files for a component, the method comprising:

obtaining a resource manifest file;

creating a language-neutral file and a language specific resource file according to localizable resource information contained in the resource manifest file;

creating a checksum data; and

updating a field in the resource manifest file with the checksum data.

7. A computer-readable medium having stored thereon a resource manifest schema data structure, the data structure comprising:

a first data field containing data representing an element indicating the schema contains resource localization information;

a second data field containing data representing an element associated with a user interface resource;

a third data field containing data representing language dependency of the user interface resource element of the second data field; and

a fourth data field containing data representing an element associated with a user interface resource type.

8. The computer-readable medium of claim 7 wherein the second data field represents unmanaged resources.
9. The computer readable medium of claim 7 wherein the second data field represents managed resources.
10. The computer readable medium of claim 7 wherein the third data field represents language-neutral resources.
11. The computer readable medium of claim 7 wherein the third data field represents localized resources.
12. The computer-readable medium of claim 7, the data structure further comprising:
a fifth data field containing data representing a file path of a resource file of the user interface resource element of the second data field;
a sixth data field containing data representing a file path type of the file path; and
a seventh data field containing data representing a file type of the resource file.
13. The computer-readable medium of claim 7, the data structure further comprising:
an eighth data field containing data representing an indication of whether to reference a default resource manifest.
14. The computer-readable medium of claim 7, the data structure further comprising:

- a ninth data field containing data representing a file name of a compacted resource file;
- a tenth data field containing data representing a file version of the compacted resource file; and
- an eleventh data field containing data representing an index value of a resource localization file within the compacted resource file.
15. The computer-readable medium of claim 7, the data structure further comprising:
- a twelfth data field containing data representing a file version of a resource file;
- and
- a thirteenth data field containing data representing a checksum value.
16. The computer-readable medium of claim 7, the data structure further comprising:
- a fourteenth data field containing data representing a name of the element associated with the user interface resource type of the fourth data field;
- a fifteenth data field containing data representing an identifier of the element associated with the user interface resource type of the fourth data field;
- a sixteenth data field containing data representing a name of a resource item; and
- a seventeenth data field containing data representing an identifier of the resource item.
17. The computer readable medium of claim 7 wherein the schema is an Extensible Markup Language (XML) based declarative file.

18. A method for a component owner to provide component resource localization information, the method comprising:

determining localizable resources;

determining a localizable resource folder convention; and

creating a resource manifest file.
19. The method of claim 18 further comprising:

specifying a path for the resource manifest file to a resource compiler program.
20. The method of claim 18 wherein the resource manifest file is an Extensible Markup Language (XML) based declarative file.
21. The method of claim 18 wherein the localizable resource information resides in a compacted resource file.